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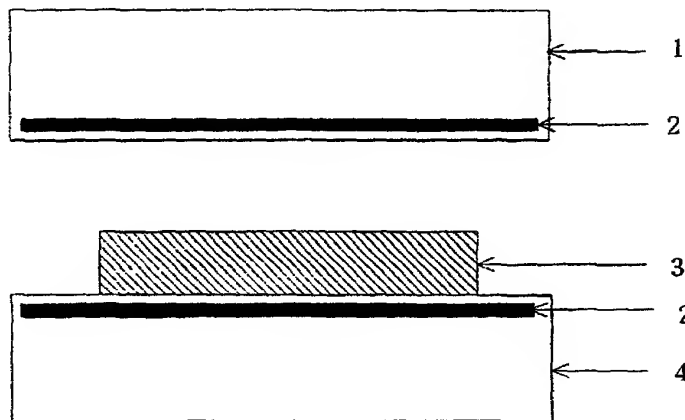
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(54) Title: VACUUM INSULATOR USING GLASS WHITE WOOL AND ITS FABRICATION METHOD



(57) Abstract: The vacuum insulator in accordance with the present invention comprises glass white wool body which density is 0.1 ~ 0.5g/cm<sup>3</sup> in density and is below 0.0023kcal/mh °C in thermal conductivity, and a non permeable container surrounding the body in which the pressure is between 10<sup>-6</sup> ~ 10<sup>-1</sup> torr. The vacuum insulator is fabricated by piling up glass white wool, thermal-pressurizing the piled glass white wool to form a body of 0.1 ~ 0.5g/cm<sup>3</sup> in density wherein the pressurizing is done at 0.007 ~ 1.5kg/cm<sup>2</sup> and under 20 °C for more than 10 minutes, putting the body in the non-permeable container, and producing a vacuum in the container.

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